

JD 1590 15' Drill

Drill has 24 seed tubes

We will be planting in 15 inch rows. So we will be using 12 seed tubes.

$$100' \times 15' \text{ drill} = 1500 \text{ sq ft}$$

$$1500 \text{ sq ft} \div 43,560 \text{ sq ft/A} = \text{0.0344 A}$$

$$0.0344 \text{ A} \div 12 \text{ seed tubes} = 0.0028696 \text{ Acres per 1 seed tube}$$

In 100' test strip we cover 0.0028696 A with 1 seed tube

$$= \text{7.3 lbs/A} \times 0.0028696 \text{ A} = 0.020948 \text{ lbs}$$

$$\underline{0.020948 \text{ lbs}} \times \frac{454 \text{ grams}}{\text{lb}} = 9.510 \text{ grams in 1 seed tube in the 100' test strip.}$$